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ABM PHASED ARRAY RADAR FACILITY (DOGHOUSE), OPERATIONS AREA B,
INDICATES THAT A LARGE AREA IN FRONT OF THE NORTHERN ANTENNA FACE
WAS CLEARED OF TREES LAST WINTER. THIS LEAVES THE AREA FREE
FROM MAJOR VERTICAL OBSTRUCTIONS FOR A TOTAL DISTANCE OF ABOUT
700 FEET IN THE DIRECTION OF BORESIGHT
2. THE CLEARED AREA IS FAN-LIKE IN SHAPE. IT EXTENDS OUTWARD
FROM EACH END OF THE ANTENNA STRUCTURE AT AN ANGLE OF APPROXIMATELY
30 DEGREES FROM BORESIGHT. IF THIS IN FACT REPRESENTS THE TOTAL
SECTOR SCAN OF THE DOGHOUSE NORTHERN FACE, THIS SECTOR WOULD BE
ONLY ABOUT 60 DEGREES, RATHER THAN THE 90 OR 100 DEGREES PREVIOUSLY
ASSUMED IN ANALYSIS OF THIS RADAR.
3. THIS CLEARING OPERATION APPEARED COMPLETE
AND COULD BE NEGATED ON
WHEN THIS AREA WAS LAST SEEN
THE EXTENT OF THE CLEARING APPEARED UNCHANGED FROM THE DECEMBER
COVERAGE. NO CLEARING ACTIVITY OF THIS TYPE HAS YET OCCURRED
IN FRONT OF THE SOUTHERN ANTENNA, PROBABLY BECAUSE THIS ANTENNA
IS LESS ADVANCED IN CONSTRUCTION PROGRESS.
4. NO KNOWN PRECEDENT EXISTS TO HELP EVALUATE THIS CLEARING
ACTIVITY; AT THE DEPLOYED DUAL HEN HOUSE FACILITIES WHERE TREES
WERE PRESENT IN FRONT OF THE ANTENNAS, TREE CLEARANCE HAS NOT

OCCURRED ON THIS SCALE.

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